FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: April 24, 1995 Date Received: April 20, 1995

Project: #7238, Metro 24 Hr. Comp., PO M41153

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL AND ZINC

per Washington DOE Guidelines Results Reported as mg/L (ppm)

| Sample ID | Chromium | Copper | <u>Nickel</u> | <u>Zinc</u> |
|--------------------------------------------------|----------|--------|---------------|-------------|
| M41153 | 2.5 | 1.0 | 1.8 | 0.08 |
| Quality Assurance | | | | |
| Blank | <0.05 | <0.05 | <0.05 | <0.05 |
| M41153 (Duplicate) | 2.4 | 1.0 | 1.7 | 0.06 |
| M41153 (Matrix Spike) % Recovery | 90% | 96% | 91% | 91% |
| M41153 (Matrix Spike Duplicate) % Recovery | 92% | 98% | 95% | 93% |
| Spike Blank % Recovery | 102% | 109% | 103% | 98% |
| Spike Level | 5 | 5 | 10 | 5 |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

April 24, 1995

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on April 20, 1995 from your project #7238, Metro 24 Hr. Comp., PO M41153.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Bradley T. Benson

Chemist

jdp

Enclosures

ACU0424R

PIEDMAN & BRUYA, INC.

12 16th Avenue West

...ttle, WA 98119-2029

5) 285-8282

SAMPLE CHAIN OF CUSTODY

BB AI 04.20.95 257

| ress 628 H | Andrad 5 | 28134 | | Contact_C | Thomp | ~~~ |
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| 'E NO. | | PROJE | CT NAMI | Ξ. | PURCHASE ORD | ER# |
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| APLERS (signature) | | | | | PROJECT LOCAT | ION |
| Q /c | a.C. | = | | THE RESERVE TO SEC. | | |
| .1ARKS | | | | S.A. | MPLE DISPOSAL INF | ORMATION |
| | | | | | Dispose after 30 d Return Samples Call for Instruction | |
| Sample # | Date/Time Sampled | Type of Sample | # of Jars | Lab Sample # | Analys Request | |
| 14/153 | 4/20/55 2:45 | HeO | / | 58536 | Ox Cu N. | |
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| TURE | PF | RINT NAME | L | COMPANY | Date | Time |
| uished by: | | | 1 | 1.1.0 | | |
| yed by: | - CIGUA | V | | 10 Km Cape | 4-20-9 | 7.40 |
| nuished by: | NON KURT | JOHNEON | V 772 | ASKAN COPPE | 1 20% | 2 2.179 |
| ived by: | | | 27 × 15 | | | |

TORMS/COC

09/19/94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

April 24, 1995

INVOICE # 95ACU0424-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project #7238, Metro 24 Hr. Comp., PO M41153: Results of testing requested by Gerald Thompson, Project Leader for material submitted on April 20, 1995.

| 1 water sample analyzed for Chromium, Copper, | |
|-----------------------------------------------|--------------|
| Nickel and Zinc @ \$65 per sample | \$ 65.00 |
| 경기 트립스 다른 트립스 (전경시 5월) (기원의 트로마스 급취) | |
| Amount Due | \$ 65.00 |